INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/24020

A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : H03F 3/38 US CL : 330/10					
US CL: 330/10 According to International Patent Classification (IPC) or to both national classification and IPC					
	DS SEARCHED	ional classification and IPC			
Minimum doc	cumentation searched (classification system followed by	y classification symbols)			
U.S. : 33	30/10, 207A, 251, 297; 363/41; 375/238				
Documentation	on searched other than minimum documentation to the	extent that such documents are included in	the fields searched		
	socumentation to the	saon socuments are micigued if	. and ricina acarclicu		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
Please See Co	ontinuation Sheet	, F Jour			
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Constant of the control of the contr					
A	US 5,777,519 A (SIMPOPOULOS) 07 July 1998 (07		Relevant to claim No.		
••	(30.5,777,315 A (31.01.01.00.00.03) 07 July 1996 (07.07.96)		1-25		
Α	US 4,987,385 A (ENGELMANN) 22 January 1991 (22.01.91)	1-25		
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Further	r documents are listed in the continuation of Box C.	See patent family annex.			
	Special categories of cited documents:	<u> </u>	made at 600		
Special categories of cited documents: "T" later document published after the international filing date or placed and not in conflict with the application but cited to under		cruational filing date or priority			
	it defining the general state of the art which is not considered to be	principle or theory underlying the inve	ention		
· ·	ular relevance	"X" document of particular relevance; the	claimed invention cannot be		
"E" earlier ag	pplication or patent published on or after the international filing date	considered novel or cannot be considered			
"L" documen	n which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone			
establish	the publication date of another citation or other special reason (as	"Y" document of particular relevance; the			
specified	<i>,</i>	considered to involve an inventive ste combined with one or more other suci			
"O" documen	n referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the			
"P" documen	at published prior to the international filing date but later than the	"&" document member of the same patent	family		
priority date claimed					
Date of the a	actual completion of the international search	Date of mailing of the international sear	ch report		
		Date of mailing of the international sear			
	r 2004 (09.12.2004)				
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US		Authorized officer			
Commissioner for Patents		Steven J. Mottola			
P.O. Box 1450		Jean Proc			
l –	exandria, Virginia 22313-1450	Telephone No. 703-308-0956	/M		
Facsimile No.					

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INTERNATIONAL SEARCH REPORT	PCT/US04/24020			
Continuation of B. FIELDS SEARCHED Item 3:				
EAST search terms: PWM, rectifier, triangl\$, power supply, voltage multiplier, amplifier				

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